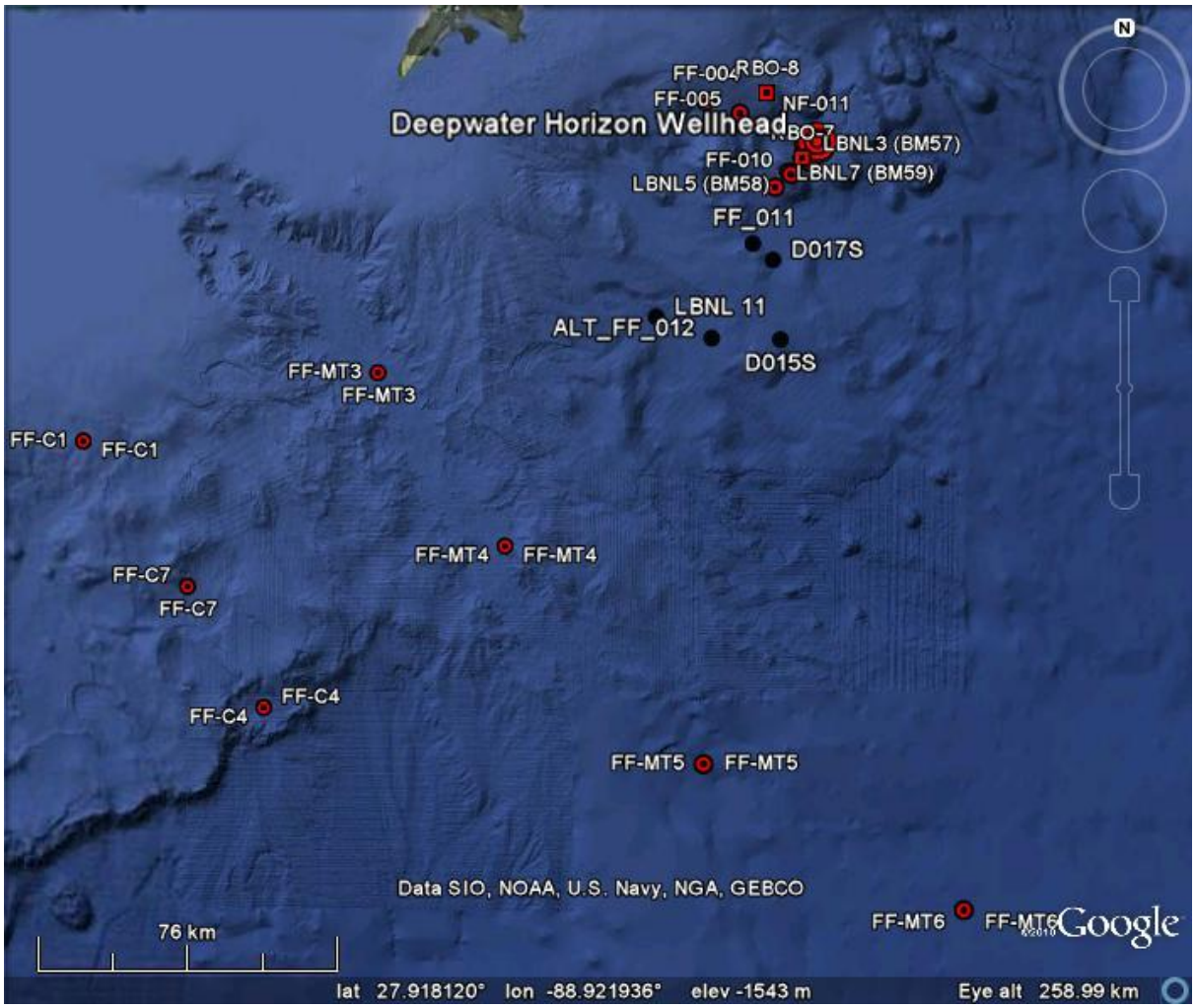
Seabed Sampling Operations	
Vessel	R/V Gyre
Summary Report Number	11
Operating equipment	MEGA Corer (12 core unit)
Date	8 October 2010
Completed casts (24 hr)	4 MEGA Corer
Report compiled by	Nick Morley/Jason Schitoskey

Seabed Sampling Locations



S/V Gyre Sampling Effort				Map Date: 9 OCT 2010 Created by: Nick Morley
Stn ID	**Latitude**	**Longitude**	**Depth**	**Sediment Sampling Stations** Using Bowers & Connelly MEGA Corer • Sampled prior to Cruise 5 • Sampled, Cruise 5, before 8th Oct 2010 • Sampled on 8th October 2010
D015S	28° 17″ 37.76′	88 ° 38″ 15.72′	1740	
ALT_FF_012	28 ° 17″ 50.13′	88 ° 38″ 11.36′	1596	
FF_011	28 ° 30 39.60′	88 ° 31″ 48.00′	1656	
LBNL 11 (BP-TN08-SS02)	28 ° 20″ 42.72′	88 ° 46″ 43.32′	1455	

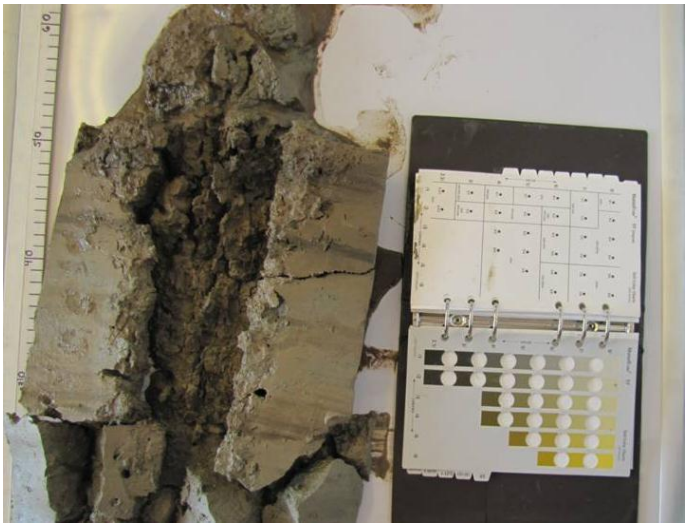
All cores were processed and stored in accordance with P1470_RN2448_GY_Rev1. Sam ples were prepared and stored for hydrocarbon, trace metal, BTEX, grainsize, total inorganic carbon, total organic carbon, meiofauna, macrofauna and microbiology testing and analysis onshore.

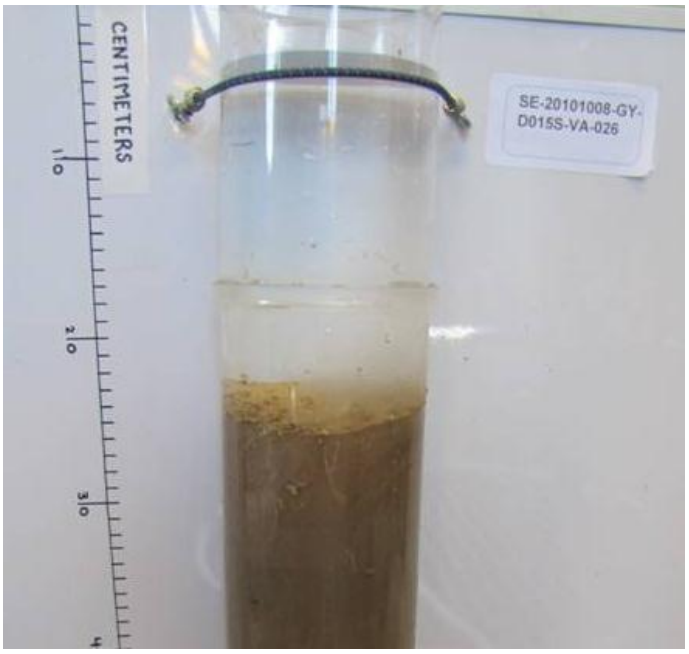
Station DO15S

Lat: 28.293822
Long: -88.460062
Cores recovered: 12 out of 12

Supernatant water
Visible contamination:
None
Olfactible contamination:
None

Sediment
Visible contamination:
No contamination seen in core, however at 34cm (near bottom) was a lens of material with abundant globs and signs of oxidation.
Olfactible contamination:
None
Description: 33 cm firm to soft olive grey clay, with some carbonate tests overlaid with 6 cm less consolidated grey/brown silty clay topped by 2cm brown ooze.





Internal Diameter of Core: 10 cms

ALT_FF_012

Lat: 28.297257
Long: -88.636490
Cores recovered: 12 out of 12

Supernatant water
Visible contamination: None
Olfactible contamination: None

Sediment
Visible contamination:
No contamination seen in core.
Olfactible contamination:
None
Description:
30 cm firm to soft gray clay overlaid with 7 cm less consolidated dark gray brown silty clay topped by 2cm brown ooze.

Internal Diameter of Core: 10 cms

LBNL_11

Lat: 28.345200
Long: -88.778699
Cores recovered: 12 out of 12

Supernatant water
Visible contamination:
None
Olfactible contamination:
None

Sediment
Visible contamination:
No contamination seen in core.
Olfactible contamination:
None
Description:
20 cm firm gray clay overlaid with 13 cm less consolidated dark gray brown silty clay topped by 3 cm brown ooze.

Internal Diameter of Core: 10 cms

FF_11

Lat: 28.51100
Long: -88.53000
Cores recovered: 12 out of 12

Supernatant water
Visible contamination:
None
Olfactible contamination:
None

Sediment
Visible contamination:
No contamination seen in core.
Olfactible contamination:
None
Description:
30 cm firm gray clay overlaid with 8 cm less consolidated dark gray brown silty clay topped by 2 cm brown ooze.

Internal Diameter of Core: 10 cms